(54) Title: METHOD FOR DETERMINING A POSITION OF A DISPLACEABLE ELEMENT AS WELL AS A WAVE MOTOR
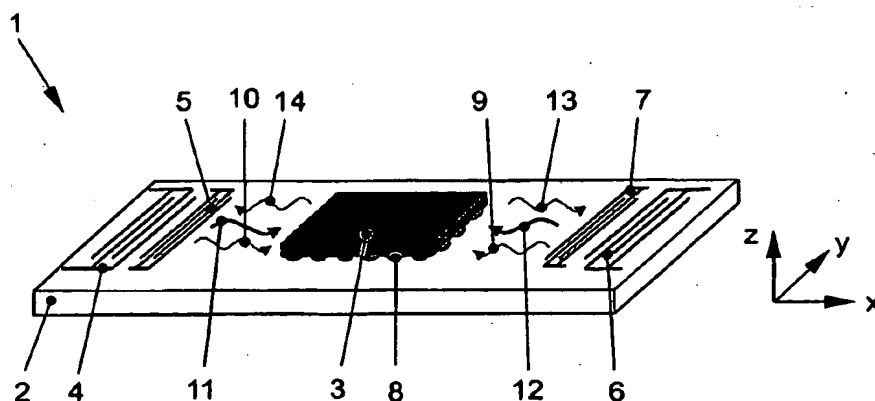
(57) Abstract: Method for determining the position of an element (3) which is displaceable relative to a stator (2). The stator (2) comprises at least one transducer (4-7). An electric signal is applied to said transducer (4-7) due to which a wave is generated in the surface of the stator (2). At least part of said wave is reflected to the transducer (4-7) by the displaceable element (3). By means of a processor the position of the displaceable element (3) relative to the stator (2) is determined from the reflected wave.